

Claims

1. A CD/DVD digital card with a contacless microcomputer chip (1) characterize by a base
5 (4), generally having a credit card or similar shape, incorporating at least a microcomputer
(2) formed by a contact and contacless chip (5) in accordance with ISO 7616 standard and
by an antenna (6) for communication with specific terminals; and a CD or DVD (3)
readable by any CD/DVD reader available in the market and because it applies to the
public and private transportation systems for use authorization and payment by the
10 specific terminals capable of communicating with the digital card (1).
2. A CD/DVD digital card with contacless microcomputer chip according to claim 1,
wherein the CD or DVD (3) has a capacity value between 30 and 100 Mb and preferably
between 30 and 50 Mb and containing data related to said transportation systems
15 readable with any commercial reader which facilitates its use by a card carrier.
3. A CD/DVD digital card with contacless microcomputer chip according to claim 1,
wherein at least one microcomputer (2) from the digital card (1) and a cryptographic
module microcomputer from said specific terminal put into practice proven solutions like
20 card-terminal mutual authentication, transaction certification, DES algorithms, which permit
to recharge the digital card (1) at a distance under complete secure conditions and
because mutual authentication in between at least a microcomputer (2) and the
cryptographic module microcomputer from said specific terminals guarantees a safe
decentralize structure for which is unnecessary to systematically obtain a central server
25 authorization.
4. A CD/DVD digital card according to claim 1, wherein to this base (4) other safety
devices may be added such as, magnetic strip, bar codes, Wiegand, scratchers, fingerprint
digitalization, iris profile recording and information encrypting systems, obtaining an
30 identity card or passport having access control and cash payment capability by a security
transfer.